

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER <b>4093-6</b>
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/500207</b> <i>Transmitted</i>
INTERNATIONAL APPLICATION NO. <b>PCT/JP02/13650</b>	INTERNATIONAL FILING DATE <b>26 December 2002</b>	PRIORITY DATE CLAIMED <b>28 December 2001</b>
TITLE OF INVENTION <b>REMEDIES FOR ARTHRITIS</b>		
APPLICANT(S) FOR DO/EO/US <b>TAMURA, T. et al.</b>		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li><input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li><input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>A copy of the International Application as filed (35 U.S.C. 371(c)(2)).             <ol style="list-style-type: none"> <li><input type="checkbox"/> is attached hereto (      pages specification, claims &amp; abstract (      claims),      sheets drawings).</li> <li><input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li><input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li><input checked="" type="checkbox"/> An English language translation             <ol style="list-style-type: none"> <li><input checked="" type="checkbox"/> of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (193 pages specification, claims &amp; abstract (51 claims), 34 sheets drawings, 1 page Certificate of Translation).</li> <li><input type="checkbox"/> of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)).</li> </ol> </li> <li><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))             <ol style="list-style-type: none"> <li><input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li><input type="checkbox"/> have been communicated by the International Bureau.</li> <li><input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired.</li> <li><input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li><input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li> <ol style="list-style-type: none"> <li><input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li><input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached).</li> </ol> </li> <li>See item 6.b. above. <b>Items 11 To 20 below concern document(s) or information included:</b></li> <li><input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98.</li> <li><input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included.</li> <li><input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li><input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li><input type="checkbox"/> A substitute specification.</li> <li><input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li><input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825 and Statement re: Same</li> <li><input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li><input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li><input checked="" type="checkbox"/> Other items or information. Face of International Published Application (WO03/057251), International Search Report and PTO Form 1449</li> </ol>		

DT11 Rec'd PCT/PTO 2.8 JUN 2004

U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/500,207</b>	INTERNATIONAL APPLICATION NO. <b>PCT/JP02/13650</b>	ATTORNEY'S DOCKET NUMBER <b>4093-6</b>
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> -- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1080.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$920.00 -- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$770.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$730.00 -- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00  <div style="text-align: right;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div> Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th colspan="2" style="text-align: left;">CALCULATIONS</th> <th colspan="2" style="text-align: left;">PTO USE ONLY</th> </tr> <tr> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> <td style="width:10%;"></td> </tr> <tr> <td>\$</td> <td>920.00</td> <td></td> <td></td> </tr> <tr> <td>\$</td> <td>0.00</td> <td></td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE CALCULATIONS =</b></td> <td>\$</td> <td>1736.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td></td> <td>0.00</td> </tr> <tr> <td colspan="2"><b>SUBTOTAL =</b></td> <td>\$</td> <td>1736.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).</td> <td></td> <td>0.00</td> </tr> <tr> <td colspan="2"><b>TOTAL NATIONAL FEE =</b></td> <td>\$</td> <td>1736.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td colspan="2">Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00)</td> <td>\$</td> <td>0.00</td> </tr> <tr> <td colspan="2"><b>TOTAL FEES ENCLOSED =</b></td> <td>\$</td> <td>1736.00</td> </tr> <tr> <td colspan="2"></td> <td>Amount to be: refunded</td> <td>\$</td> </tr> <tr> <td colspan="2"></td> <td>Charged</td> <td>\$</td> </tr> </table>	CALCULATIONS		PTO USE ONLY						\$	920.00			\$	0.00			<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$	1736.00	<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.			0.00	<b>SUBTOTAL =</b>		\$	1736.00	Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).			0.00	<b>TOTAL NATIONAL FEE =</b>		\$	1736.00	Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property		\$	0.00	Fee for Petition to Revive Unintentionally Abandoned Application (\$1330.00 - Small Entity = \$665.00)		\$	0.00	<b>TOTAL FEES ENCLOSED =</b>		\$	1736.00			Amount to be: refunded	\$			Charged	\$
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a. ☒ A check in the amount of \$1736.00 to cover the above fees is enclosed.  
 b. ☐ Please charge my Deposit Account No. 14-1140 in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this form is enclosed.  
 c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A duplicate copy of this form is enclosed.  
 d. ☒ The entire content of International Application No. **PCT/JP02/13650** and any U.S. and foreign application(s) corresponding thereto, and JP 2001-400677, referred to in this application is/are hereby incorporated by reference in this application.  
**NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**  
**CORRESPONDENCE ADDRESS**  
**Direct all correspondence to:**

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**23117**

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(for) *Mary J. Sadoff*  
**B. J. Sadoff**  
 NAME

**36,663**  
 REGISTRATION NUMBER

**June 28, 2004**  
 Date

10/500207

DT11 Rec'd PCT/PTO 28 JUN 2004

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of

TAMURA, T. et al.

Atty. Ref.: 4093-6

Serial No. To be assigned  
US National Phase of PCT/JP02/13650  
Filed: June 28, 2004

Group:

Examiner:

For: AGENT FOR TREATING ARTHRITIS

\* \* \* \* \*

June 28, 2004

**Mail Stop Sequence**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**SUBMISSION OF SEQUENCE LISTING**

The attached paper and computer-readable copies of the Sequence Listing  
are the same. No new matter has been added.

Respectfully submitted,

**NIXON & VANDERHYE P.C.**

By:

Mary J. Wilson

(for)

B. J. Sadoff

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34/PRTS

10/500207

DT11 Re PCT/PTO 2-8 JUN 2004

VERIFICATION OF TRANSLATION

I, the below named translator, hereby declare that:

My name and post office address are as stated below:

That I am knowledgeable in the English language and in the language in which the below identified international application was filed, and that I believe the English translation of the international application No. PCT/JP02/13650 is a true and complete translation of the above identified international application as filed.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: June 21, 2004

Full name of the translator Akiko MARUYAMA

Signature of the translator Akiko Maruyama

Post Office Address c/o KYOWA HAKKO KOGYO CO., LTD.

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